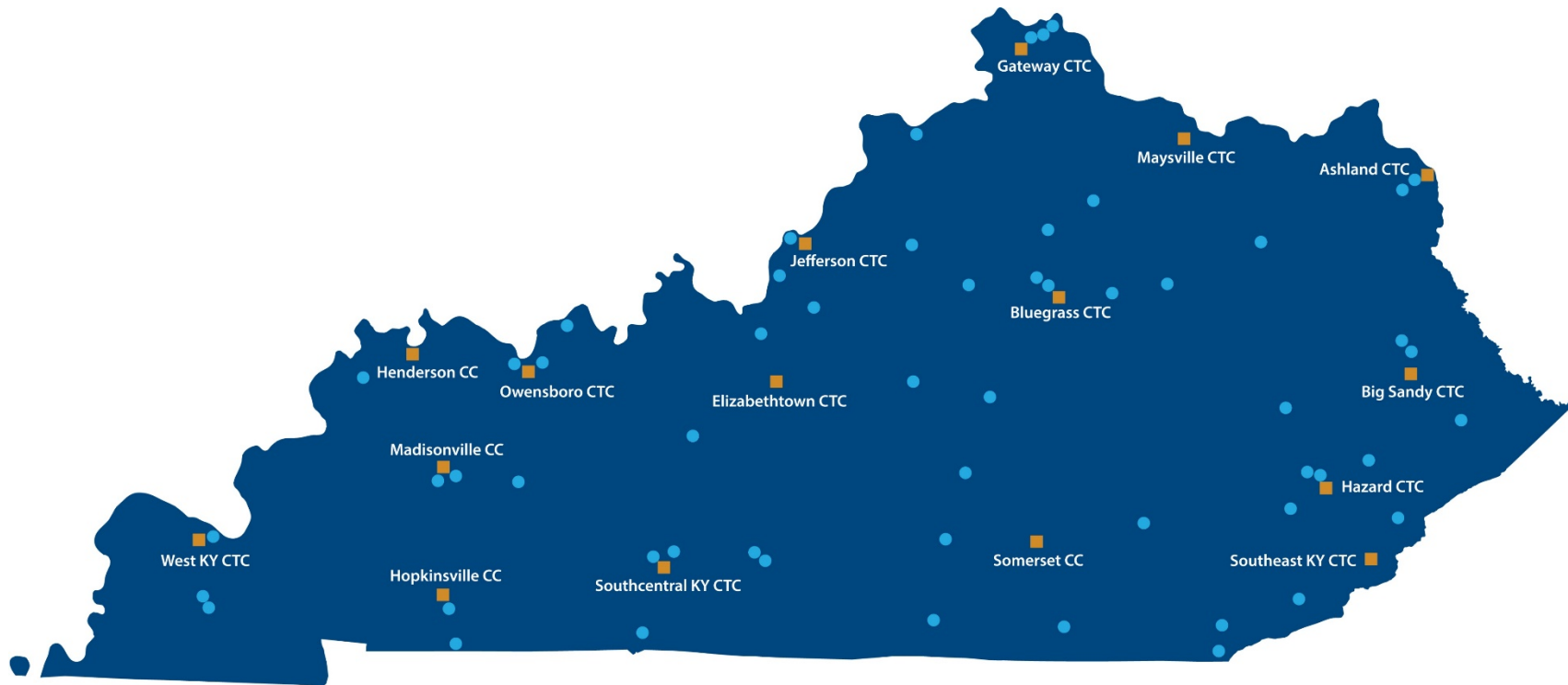


HOW KCTCS WORKS FOR KENTUCKY'S WORKFORCE



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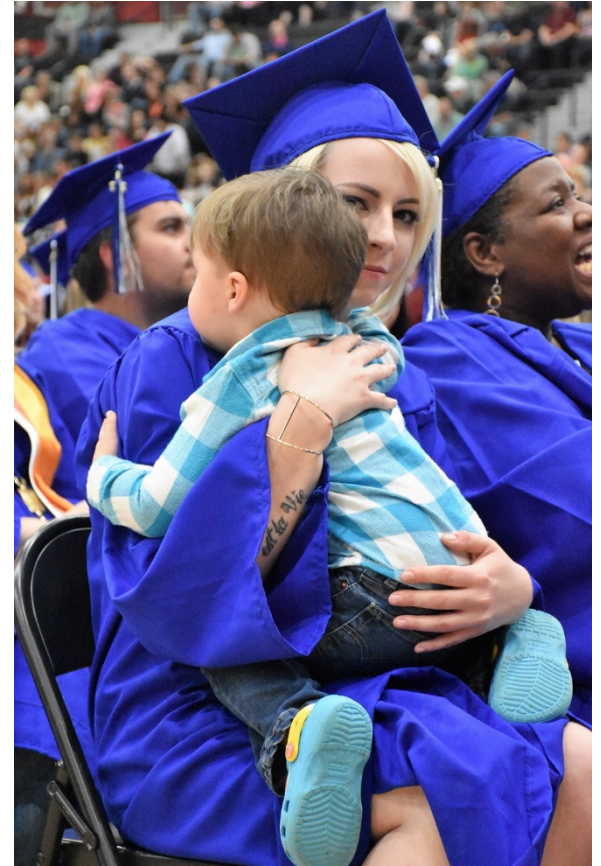
16 KCTCS colleges
73 locations



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About KCTCS

- **Largest provider** of postsecondary education, online courses and workforce training
- **Locations within a 30-minute drive** of 95 % of all Kentuckians



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About KCTCS

- 106,874 students
- 60,738 enrolled in online courses
- 19,660 high school students in dual credit/dual enrollment

(2018-19)



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About KCTCS

- **Increased enrollment by 111%** and **credentials** awarded by nearly **300%**.
- **8th** nationally; **2nd** based on population.
- **79%** of credentials awarded in 2018 -19 were in the state's top five job sectors.



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About KCTCS

- **98%** of all **short-term certificates** in Kentucky
- **66 percent** of **nursing and allied healthcare** credentials, and **87 percent of all associate degrees** in nursing and allied health
- **82 percent** of Kentucky's **skilled trades** workers



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KCTCS has bettered the lives of nearly one million Kentuckians.



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THE CHANGING WORLD OF WORK



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Rules of the New Economy

(Georgetown Center on Education and the Workforce)



Rule 1. On average, more education yields more pay.

Lifetime Earnings

| | | | |
|-------------|--------|---------------|--------|
| HS Diploma: | \$1.4M | Master's: | \$2.9M |
| Associate: | \$1.8M | Doctorate: | \$3.5M |
| Bachelor: | \$2.5M | Professional: | \$4.0M |



Rule 2. What a person makes depends on what that person takes.

The value of programs and college majors varies according to alignment with regional labor market demand.

For instance, major in early childhood education pays \$3.4M less than a major in petroleum engineering.



Rule 3. Sometimes less education is worth more.

As an example, IT certificate holders working in their field earn about \$70K per year, compared with the average BA holder, who earns \$61K.

The Pathway to the Middle Class has Changed



THEN

high school diploma → stable blue- & white-collar jobs with good salaries

X

bachelor degrees in most/all fields → financial stability and prosperity

NOW

Technology & globalization have shifted good jobs away from workers with just a high school diploma in favor of **technically skilled, postsecondary-level workers.**

Problems Employers are Facing

Out of 596 KY employers,
over 300 agreed:

- Declining number of job applicants.
- Candidates do not have the right skills for the job.
- Candidates do not have the right work experience.



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The New World of Work

- Employer expectations
 - Industry **credentials, not degrees**; soft skills; quick training
- Competency-Based Education
 - **Less seat time**, different type of transcript
- Need workers **NOW!** Creating in-house training programs.



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The Education Freeway



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STATE AND NATIONAL CHALLENGES



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Business-Education Roundtable

- Kentucky needs to up its game.
- **42nd** in workforce participation ranking
- **47th** in per capita income
- How do we become top tier?



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American Workforce Policy Advisory Board



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Manufacturers Need Skilled Workers

- KCTCS has 400 manufacturing partners
- Nationally, manufacturers need to fill **4.6 million jobs by 2028.**
- More than **2,000** manufacturing jobs open in Kentucky **NOW.**

(National Association of Manufacturers)

(Kentuckiana Works)



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Shortage of Health Care Professionals

By 2025, the US will likely face a shortage of...



446,300

Home health
aides



98,700

Medical and lab
technologists and
technicians



95,000

Nursing
assistants



29,400

Nurse
practitioners

CNN

Source: Mercer's US Healthcare External Labor Market Analysis. Calculations by Mercer's Workforce Strategy & Analytics practice.



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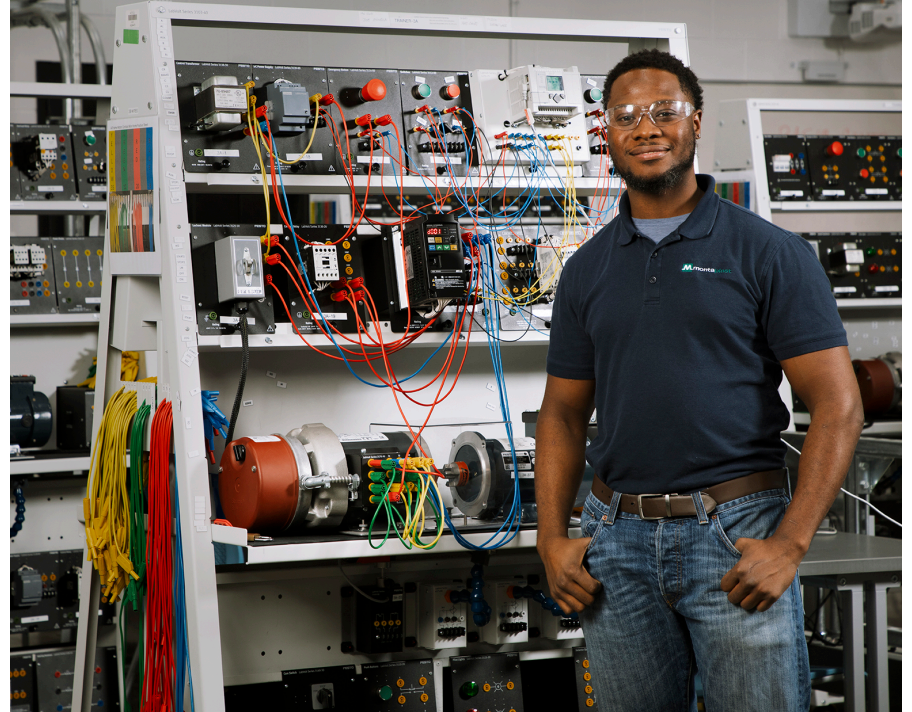
HOW KCTCS IS MEETING NEEDS OF BUSINESS & INDUSTRY



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KY FAME

- Kentucky Federation for Advanced Manufacturing Education (KY FAME)
 - 135 KY FAME business partners
 - 11 FAME chapters statewide



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Apprenticeships

- One of the best ways to close the skills gap.
- Employer and employee satisfaction higher.
- KCTCS investing \$2.7 million.
- \$420,000 AACC grant to increase the number of apprenticeships.



KCTCS Trains

- Colleges work with local businesses to create custom training.
- KCTCS Trains pays 50%; company pays 50%.
- Approximately 3 million participants since 1998.



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A few KCTCS Trains Partners



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KCTCS Trains



BAPTIST HEALTH

PADUCAH

“We chose to make an investment in leadership development by partnering with WKCTCS to provide tools for a strong leadership foundation.”

- Chris Roty, Baptist Health Paducah President



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KCTCS Workforce Solutions

“The idea seems to be spreading really well that locking them up and leaving them just doesn’t work.”

- David Knight, McCracken County Jailer



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TUITION, FAMILY, WORK

BARRIERS OUR STUDENTS FACE



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Helping Students Pay for College



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Removing Barriers

- **Childcare** offered on some campuses through third party.
- Agreements with bus companies for student **transportation** to classes.
- **Food and necessities** pantries



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Programming & Services for Adults

- **All 16 colleges** added new programs, services and outreach to adults.
- More **evening and Saturday** classes.
- **Flexible** class schedules – Online classes with open labs.
- Adding more **short-term** classes like CDL and lineman.



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Lumina Foundation Grant: The Graduate! Network

- Community Ambassador program pilot at three colleges – Hazard, Jefferson, Madisonville
 - 45 ambassadors contact 45 prospective adult students.
- Programs **aimed at working adults.**

Comebacker Brian Jones

- WRKS recipient, MCC Accelerate student
- Credits ambassador outreach for his college enrollment.
- Works for the City of Madisonville.
- Plans to get a bachelor's degree.



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Putting People to Work

- **Partnerships** with businesses; **custom training**
- **Experiential learning:** KY FAME, apprenticeships
- Classes completed in **weeks, not months or years.**
- KCTCS is putting people to work quickly!



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QUESTIONS?



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